

What is claimed is:

1. A data transformation method, the method comprising:
  - identifying a device character of a client device, then obtaining an identified result;
  - calculating a transformation parameter according to the identified result; and
  - transforming an original content data into a transformed content data according to the transformation parameter.
2. A data transforming method of claim 1, wherein after transforming the original content data, further comprising:
  - storing the transformed content data into a content cache, indexed by a set of device character.
3. A data transforming method of claim 1, wherein the content data is an image data, and the device character is image related parts.
4. A data transforming method of claim 1, wherein the content data is a video data, and the device character is video related parts.
5. A data transforming method of claim 1, wherein the content data is an audio data, and the device character are audio related parts.
6. A data transforming method of claim 1, wherein the device character of the all client device being stored in a device capability table (DCT).
7. In a server having a device capability table (DCT) storing the device character of the all client devices, a data filtering method able to find out the best version of the content data stored in a content cache and transmit it to the requesting client device, the method comprising the steps of:
  - obtaining the device character of the requesting client device from the DCT;
  - using the obtained device character to find out the best version of the content data from the content cache; and

transmitting the best version of the content data to the requesting client device.

8. A data filtering method of claim 6, wherein the content data being an image data, and the device character being image related parts.
9. A data filtering method of claim 6, wherein the content data being a video data, and the device character being video related parts.
10. A data filtering method of claim 6, wherein the content data being an audio data, and the device character being audio related parts.
11. A platform server with a content cache and a device capability table (DCT), the server comprising:
  - a memory;
  - a first set of program instructions for transforming a original content data into a transformed content data; and
  - a second set of program instructions, which for responding when a request which is sent from a certain client device.
12. A platform server of claim 11, wherein the first set of program instructions further comprising:
  - a identifying module, for identifying a device character of a client device and storing the device character in the DCT;
  - a calculating module, for calculating a transformation parameter according to the device character in the DCT; and
  - a transforming module, for transforming an original content data into a transformed content data according to the transformation parameter; and
  - a storing module, for storing the transformed content data into a content cache, indexed by a set of device character.
13. A platform server of claim 11, wherein the second set of program instructions

further comprising:

a obtaining module, for obtaining a device character from the DCT, wherein the device character is owned a client device which sends a request;

a determining module, for determining a version of content data suitable for the client device according to the device character; and

a transmitting module, for transmitting the determined version of the content data to the client device.

14. A platform server of claim 11, wherein said the content data being an image data and the device character being image related parts.
15. A platform server of claim 11, wherein the content data being a video data, and the device character being video related parts.
16. A platform server of claim 11, wherein the content data being an audio data, and the device character being audio related parts.
17. A platform server of claim 11, wherein the memory is a hard disk.